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1 Assessing the state of software in a large enterprise

Randy L. Hackbart, Audris Mockus, John Douglas Paltraman, David M. Weiss
June 2010

Empirical Software Engineering, Volume 15 Issue 3

Publisher: Kluwer Academic Publishers

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

To be relevant to the goals of an enterprise, an industrial software engineering research organization must identify problems of interest to, and find solutions that have an impact on, the software development organizations within the company. Using ...

Keywords Agile Development, Code growth, Distributed and offshore development, Iterative development, Risk assessment, R&D domain expertise, R&D productivity, Software assessments, Software development, Software engineering, Software metrics, Software process, Software process improvement, Software quality

2 An empirical investigation of the key determinants of data warehouse adoption

K. (Ram) Ramamurthy, Arun Sen, Atish P. Sinha

March 2008 **Decision Support Systems**, Volume 44 Issue 4

Publisher: Elsevier Science Publishers B. V.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Data warehousing (DW) has emerged as one of the most powerful decision support technologies during the last decade. However, despite the fact that it has been around for some time, DW has experienced limited spread and relatively high failure rates ...

Keywords Absorptive capacity, Adoption, Data warehousing, Decision-support technology, Innovation factors, Organizational factors

3 Communications of the ACM: Volume 51 Issue 9

September 2008

Communications of the ACM

Publisher: ACM

Full text available: Digital Edition, PDF (8.68 MB)

Bibliometrics: Downloads (6 Weeks): 217, Downloads (12 Months): 217, Downloads (Overall): 4068, Citation Count:

4 Text mining techniques for patent analysis

Yuen-Hien Tseng, Chia-Jen Lin, Yu-Lin Lin

September 2007 **Information Processing and Management: an International Journal**, Volume 43 Issue 5

Publisher: Pergamon Press, Inc.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Patent documents contain important research results. However, they are lengthy and rich in technical terminology such that it takes a lot of human efforts for analyses. Automatic tools for assisting patent engineers or decision makers in patent analysis

Keywords Clustering, Co-word analysis, Phrase extraction, Summarization, Topic mapping

5 Communications of the ACM: Volume 53 Issue 1

January 2010

Communications of the ACM

Publisher: ACM

Full text available: Digital Edition, PDF (8.09 MB)

Bibliometrics: Downloads (6 Weeks): 219, Downloads (12 Months): 219, Downloads (Overall): 219, Citation Count:

6 Adaptive query processing

Amrit Chandrappa, Zachary Ives, Vijayshankar Ramani

January 2007

Foundations and Trends in Databases, Volume 1 Issue 1

Publisher: Now Publishers Inc.

Bibliometrics Downloads (6 Weeks) n/a, Downloads (12 Months) n/a, Downloads (Overall) n/a, Citation Count:

As the data management field has diversified to consider settings in which queries are increasingly complex, statistics are less available, or data is stored remotely, there has been an acknowledgment that the traditional optimize-then-execute paradigm ...

7 A RFID-case-based sample management system for fashion product development

K. L. Choy, Ka Ho Chow, Ka Leung Moon, Kim Zeng, Henry C. W. Lau, Fella T. S. Chan, Q. T. S. Ho
September 2009 **Engineering Applications of Artificial Intelligence**, Volume 22 Issue 8

Publisher: Pergamon Press, Inc.

Bibliometrics Downloads (6 Weeks) n/a, Downloads (12 Months) n/a, Downloads (Overall) n/a, Citation Count:

This paper presents a RFID-case-based sample management system (R-SMS) to manage an iterative process for evaluating fabric swatches in the development of new fashion products. R-SMS supports fashion designers and clothing merchandisers in working out ...

Keywords Case-based reasoning, Fabric selection, Fashion product development, NPD, R&D, Supply chain

8 Data mining research for customer relationship management systems: a framework and analysis

Sarma, Sharmi, D. P. Goyal, B. K. Mitra
June 2008 **INTERNATIONAL JOURNAL OF BUSINESS INFORMATION SYSTEMS**, Volume 3 Issue 5

Publisher: IGI Science Publishers

Bibliometrics Downloads (6 Weeks) n/a, Downloads (12 Months) n/a, Downloads (Overall) n/a, Citation Count:

Data mining is a new technology that helps businesses to predict future trends and behaviours, allowing them to make proactive, knowledge-driven decisions. When data mining tools and techniques are applied on the data warehouse based on customer ...

9 Using web metrics to analyze digital libraries

Michael Khan, Joe Pearce, Anne L. Washington, Mimi Becker, Starr Palmer, Robert A. Donashue
June 2008 **CDL '08: Proceedings of the 8th ACM/IEEE-CS joint conference on Digital libraries**

Publisher: ACM  [Proceedings](#)

Full text available  [PDF](#) (725.20 KB)

Bibliometrics Downloads (6 Weeks): 23, Downloads (12 Months): 233, Downloads (Overall): 702, Citation Count:

This paper discusses the use of web metrics tools at four digital libraries, the Instructional Architect, the Library Congress, the National Science Digital Library, and WGBH Teachers' Domain. We describe some of the issues involved in using web metrics ...

Keywords evaluation, usability, usage, web analytics, web metrics

10 Development and implementation of an institutional repository within a science, engineering and technology (SET) environment

A. van der Merwe, J. H. Kroese

October 2008 **SAICSIT '08: Proceedings of the 2008 annual research conference of the South African Institute of Computer Scientists and Information Technologists on IT research in developing countries: riding the wave of technology**

Publisher: ACM

Full text available  [PDF](#) (384.70 KB)

Bibliometrics Downloads (6 Weeks): 3, Downloads (12 Months): 116, Downloads (Overall): 215, Citation Count:

Parallel to the Open Source Software movement, there is an increased demand and need for free, open access information resources. The Open Access initiative is characterized by two strategies, namely the promotion of self archiving or, alternatively, ...

Keywords full text access, institutional repositories, open access, research documentation, research publication

11 Data warehouse design to support customer relationship management analyses

S. S. Chinnam, S. S. S. Chinnam, H. Yeol Sohn, Peter B. Chee

November 2004 **DOLAP '04: Proceedings of the 7th ACM International workshop on Data warehousing and OLAP**

Publisher: ACM  [Proceedings](#)

Full text available  [PDF](#) (273.78 KB)

Bibliometrics Downloads (6 Weeks): 28, Downloads (12 Months): 275, Downloads (Overall): 4309, Citation Count:

CRM is a strategy that integrates the concepts of Knowledge Management, Data Mining, and Data Warehousing in order to support the organization's decision-making process to retain long-term and profitable relationships with its customers. In this paper, ...

Keywords customer relationship management, data warehouse

12 A Fault-model-based Debugging Aid for Data Warehouse Applications

Peter Strutz, Vikas Shashankar, Mohamed Zahoor

August 2010

Proceeding of the 2010 conference on ECAI 2010: 19th European Conference on Artificial Intelligence

Publisher: IOS Press

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

The paper describes a model-based approach to developing a general tool for localizing faults in applications of data warehouse technology. A model of the application is configured from a library of generic models of standard (types of) modules and exploited ...

13 Evaluating a model for cost-effective data quality management in a real-world CRM setting

Adir Even, G. Shankaranarayanan, Paul D. Berger

December 2010

Decision Support Systems, Volume 50 Issue 1

Publisher: Elsevier Science Publishers B. V.

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Managing data resources at high quality is usually viewed as axiomatic. However, we suggest that, since the process of improving data quality should attempt to maximize economic benefits as well, high data quality is not necessarily economically optimal.

Keywords CRM, Cost-benefit analysis, Data quality, Data warehouse, Utility

14 ZELESSA: an enabler for real-time sensing, analysing and acting on continuous event streams

Tho Manh Nguyen, Josef Schleifer, A. Man Tiago

March 2007

International Journal of Business Intelligence and Data Mining, Volume 2 Issue 1

Publisher: Inderscience Publishers

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Our research project aims to build an infrastructure that can efficiently and seamlessly meet the demanding requirements of business event stream-based analytical applications. We focus on the complex event analysis of event streams, QoS-aware ...

Keywords BI, SOA, ZELESSA, business intelligence, closed loop decision-making, continuous stream analysis, data mining, data warehousing, event streams, event-based business intelligence, mobile phone fraud detection, response loops, sense loops, service oriented architecture, zero-latency data warehouse, zero-latency event responding, zero-latency event sensing

15 Using Developer Activity Data to Enhance Awareness during Collaborative Software Development

Inah Cicerone, John Ferguson, Marc Roper, Murray Wood

December 2009

Computer Supported Cooperative Work, Volume 18 Issue 5-6

Publisher: Kluwer Academic Publishers

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Software development is a global activity unconstrained by the bounds of time and space. A major effect of this increasing scale and distribution is that the shared understanding that developers previously acquired by formal and informal face-to-face ...

Keywords collaboration, context awareness, distributed teamwork, empirical studies, global software development, relevance filtering

16 Diminishing downsides of Data Mining

John Wang, Xiaohua Hu, Dan Zhu

June 2007

International Journal of Business Intelligence and Data Mining, Volume 2 Issue 2

Publisher: Inderscience Publishers

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Data Mining (DM) helps deliver tremendous insights for businesses into the problems they face and aids in identifying new opportunities. It further helps businesses to solve more complex problems and make smarter decisions. DM is a potentially ...

Keywords barriers, benefits, data mining, disaster planning, explanatory factors, monitoring, organisational issues, statistical issues, usability

17 Partial constraint checking for context consistency in pervasive computing
 Chang Xu, S. C. Cheung, W. K. Chan, Chunyang Ye
 January 2010 **Transactions on Software Engineering and Methodology (TOSEM)**, Volume 19 Issue 3
 Publisher: ACM  Impact Percentage
 Full text available  PDF (1.94 MB)
 Bibliometrics Downloads (6 Weeks): 45, Downloads (12 Months): 389, Downloads (Overall): 389, Citation Count:

Pervasive computing environments typically change frequently in terms of available resources and their properties. Applications in pervasive computing use contexts to capture these changes and adapt their behaviors according to them. However, contexts available ...

Keywords Constraints, performance, pervasive computing, validation

18 Information delivery systems: an exploration of Web pull and push technologies
 Jussi E. Kendaall, Kenneth E. Kendaall
 April 1999 **Communications of the AIS**, Volume 1 Issue 4es
 Publisher: Association for Information Systems
 Full text available  PDF (658 33 KB)
 Bibliometrics Downloads (6 Weeks): 10, Downloads (12 Months): 84, Downloads (Overall): 1228, Citation Count:

19 Proximity and Information Technology Outsourcing: How Local Are IT Services Markets?

Ashish Agrawal, Chris Forman
 October 2007 **Journal of Management Information Systems**, Volume 24 Issue 2
 Publisher: M. E. Sharpe, Inc.

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

We examine the question of which services are tradable within a concrete setting: the outsourcing of information technology (IT) services across a broad cross-section of establishments in the United States. If markets for IT services are local, then ...

Keywords IT Outsourcing, Outsourcing, Service Tradability, Services, Services Outsourcing

20 Operational risk management with real-time business intelligence

B. Azying, Z. Cai, B. Majeed, M. Shott
 January 2007 **BT Technology Journal**, Volume 25 Issue 1
 Publisher: Kluwer Academic Publishers
 Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Operational risk is a function of the complexity of the business and the environment that the business operates. Such complexities increase as the business or the environment become more dynamic, i.e. where change is a permanent feature and a factor ...

Result page: 1                <img alt="Page 343 icon" data-bbox